

## FIGURE 1

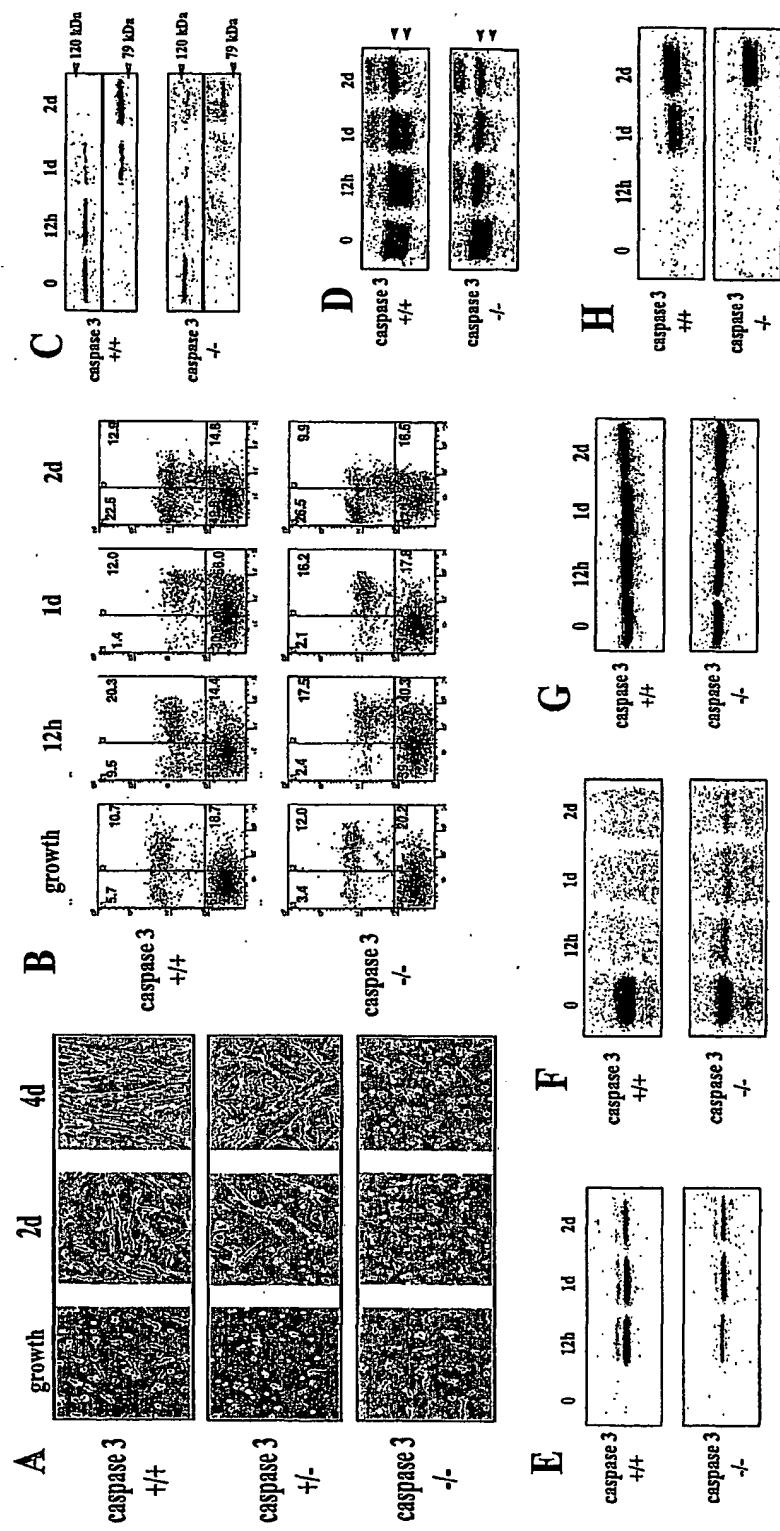


FIGURE 2

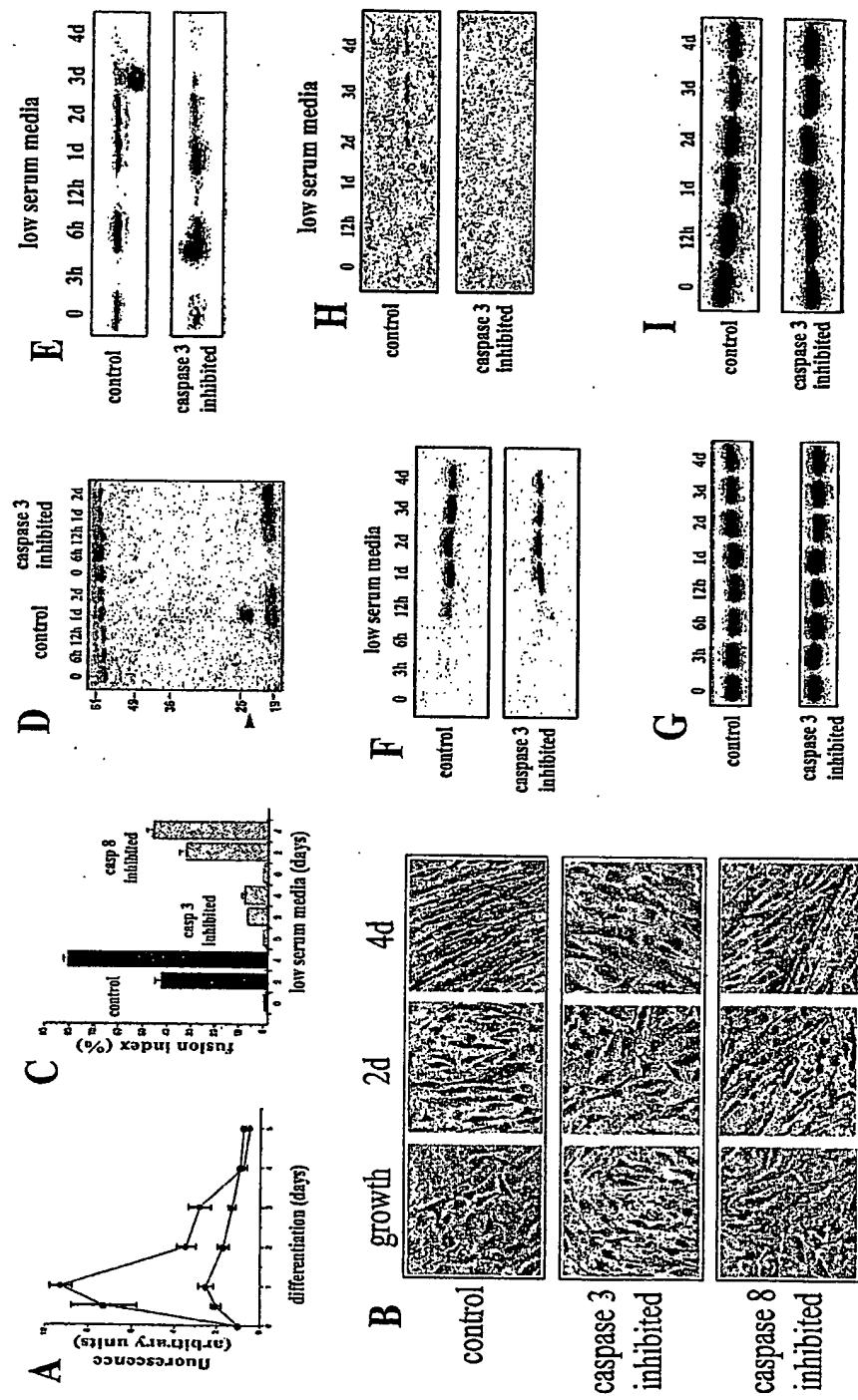


FIGURE 3

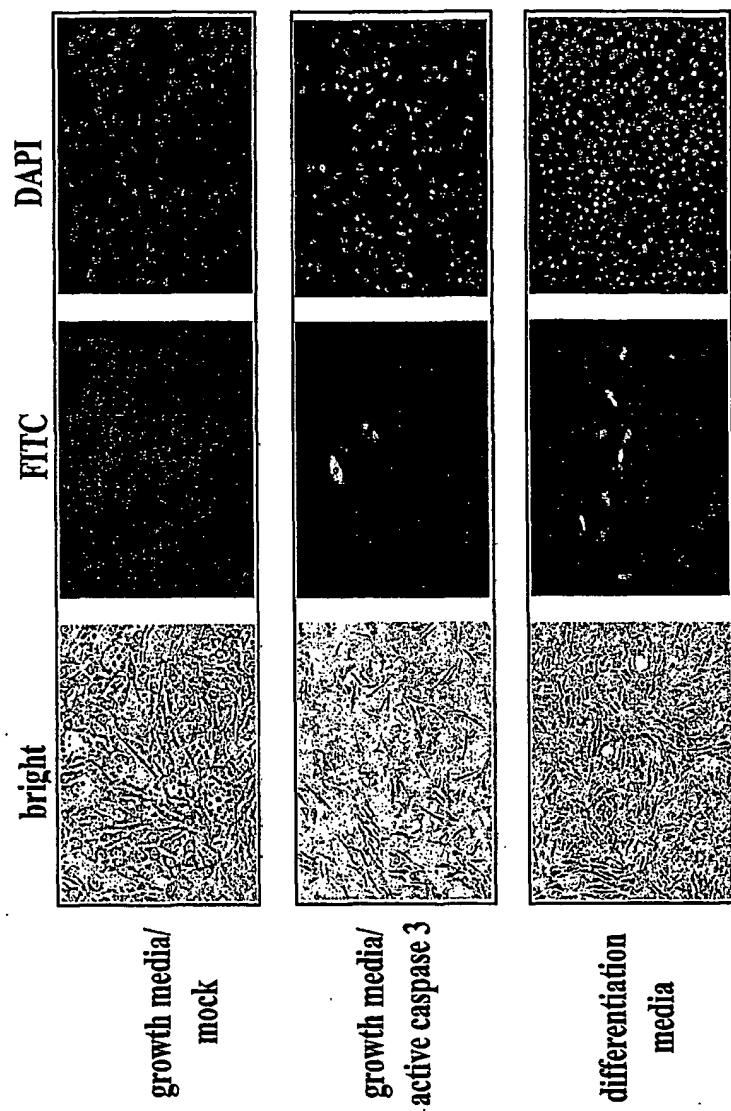
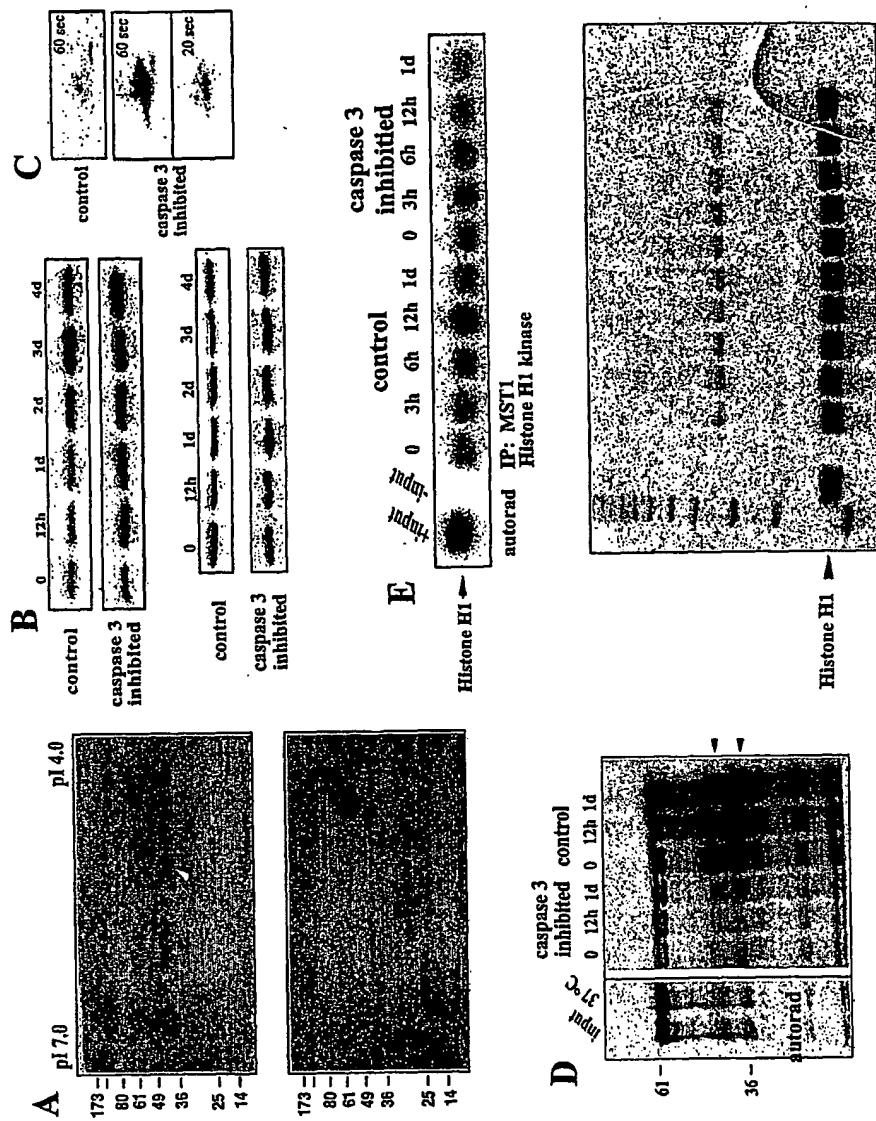
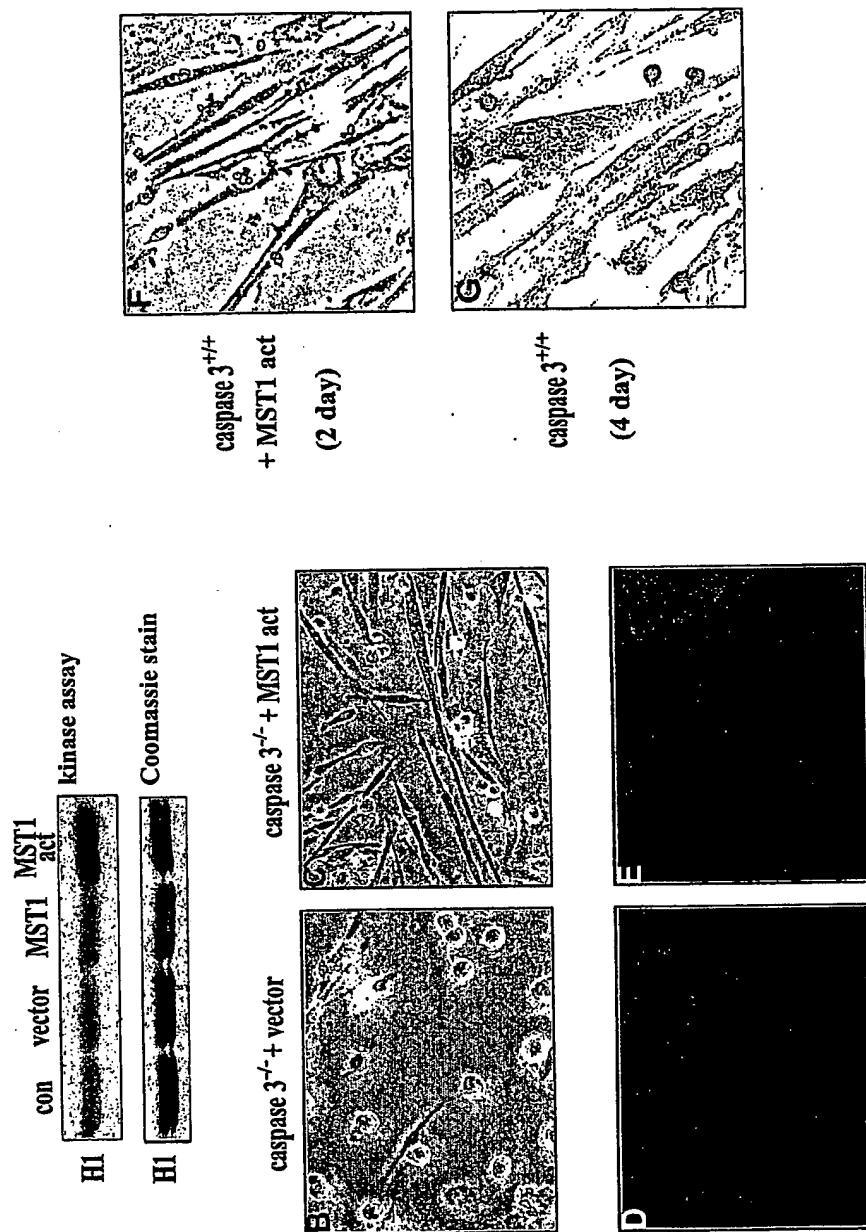


FIGURE 4



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FIGURE 5



## FIGURE 6

1 atggagaaca ctgaaaactc agtggattca aaatccatta aaaatttggaa accaaagatc  
61 atacatggaa gcgaatcaat ggactctgga atatccctgg acaacagtta taaaatggat  
121 tattcctgaga tgggttatg tataataatt aataataaga attttcataa aagcactggaa  
181 atgacatctc ggtctggta agatgtcgat gcagcaaacc tcagggaaac attcagaaac  
241 ttgaaatatg aagtcaagaa taaaaatgtat cttacacgtg aagaattgtt ggaattgtatg  
301 cgtgatgttt ctaaagaaga tcacagcaaa aggaggcgtt ttgtttgtt gcttctgagc  
361 catggtaag aaggaataat ttgttggaaaca aatggacgtt ttgacctgaa aaaaataaca  
421 aacttttca gaggggatcg ttgtagaagt ctaactggaa aacccaaactt tttcatttt  
481 caggcctgcc gttgtacaga actggactgt ggcattgaga cagacagtgg tttgtatgt  
541 gacatggcggt gtcataaaat accagtggag gccgacttct tttatgcata ctccacagca  
601 cctggttattt attcttggcg aaattcaaag gatggctctt gtttcatcca gtcgtttgt  
661 gccatgtga aacagtatgc cgacaagctt gaatttatgc acattttac ccgggttaac  
721 cggaaagggtgg caacagaattt tgagtccctt tcctttgacg ctactttca tgcaaagaaa  
781 cagattccat gtatttttc catgctcaca aaagaactctt atttttatca cttaa

## FIGURE 7

## A.

1       mentensvds ksiknlepki ihgsesmdsg isldnsykmd ypemglci nnknfhkstg  
61      mtsrsqtdvd aanlretfrm lkyevrnknd ltreeivelm rdvskedhsk rssfvcvlls  
121     hgeegiifgt ngpvdlkkit nffrgdrcrs ltgkpklfii qacrgteldc gietdsgvdd  
181     dmachkipve adflyaysta pgyyswrnsk dgswfiqslc amlkqyadkl efmhiltvn  
241     rkvatefesf sfdatfhakk qipcivsmlt kelyfyh

## B.

s ksiknlepki ihgsesmdsg isldnsykmd ypemglci nnknfhkstg  
mtsrsqtdvd aanlretfrm lkyevrnknd ltreeivelm rdvskedhsk rssfvcvlls  
hgeegiifgt ngpvdlkkit nffrgdrcrs ltgkpklfii qacrgteldc gietdsgvdd  
dmachkipve adflyaysta pgyyswrnsk dgswfiqslc amlkqyadkl efmhiltvn  
rkvatefesf sfdatfhakk qipcivsmlt kelyfyh

## C.

sg isldnsykmd ypemglci nnknfhkstg  
mtsrsqtdvd aanlretfrm lkyevrnknd ltreeivelm rdvskedhsk rssfvcvlls  
hgeegiifgt ngpvdlkkit nffrgdrcrs ltgkpklfii qacrgteldc gietdsgvdd  
dmachkipve adflyaysta pgyyswrnsk dgswfiqslc amlkqyadkl efmhiltvn  
rkvatefesf sfdatfhakk qipcivsmlt kelyfyh

## D.

sg isldnsykmd ypemglci nnknfhkstg  
mtsrsqtdvd aanlretfrm lkyevrnknd ltreeivelm rdvskedhsk rssfvcvlls  
hgeegiifgt ngpvdlkkit nffrgdrcrs ltgkpklfii qacrgteldc gietd

## E.

sgvdd  
dmachkipve adflyaysta pgyyswrnsk dgswfiqslc amlkqyadkl efmhiltvn  
rkvatefesf sfdatfhakk qipcivsmlt kelyfyh

## FIGURE 8

1   ccggctgctggcatggccatggagacggtacagctgaggaacccggccggcagct  
61   gaaaaagtggatgaagatagttAACCAACAACCAGAAGTATTGATGCTTAA  
121   gaaactggagaagggtctatggcagcgatacaaAGCTATTCTAAAGAGACCGGCA  
181   gattttgctattaAGCAAGTCCGTGGAATCAGACCTCCAGGAGATAATCAAAGAAAT  
241   CTCTATAATGCAGCAATGTGACAGCCCTCATGTTAGTCAAATAATTATGGCAGTTTTAA  
301   GAACACAGACTTATGGATCGTTATGGAGTACTGTGGGGCTGGTCTGTATCTGATATCAT  
361   TCGATTACGAAATAAAACGTTAACAGAAGATGAAATAGCTACAATATTACAATCAACTCT  
421   TAAGGGACTTGAATAACCTTCATTATGAGAAAAATACACCGAGATACTCAAGGCAGGAAA  
481   TATTTGCTAAATACAGAAGGACATGCAAAACTTGCAGATTGGGGTAGCAGGTCAACT  
541   TACAGATAACCATTGGCCAAGCGGAATACAGTGTAGGAACACCAATTGGATGGCTCCAGA  
601   AGTGATTCAAGGAAATTGGATACAACACTGTGTAGCAGACATCTGGCCCTGGAAATAACTGC  
661   CATAGAAAATGGCTGAAGGAAAGCGCCCTTATGTCGATATCCATCCAATGAGGGCAATT  
721   CATGATTCCCTACAAATCCTCCCTCCACATTCCGAAAACCAGAGCTATGGTCAGATAACTT  
781   TACAGATTGGTGAACACAGTGTCTGTTAAAGAGGCCCTGAGCAGAGGGCCACAGCCACTCA  
841   GCTCCTGCAGCACCCATTGTCAGGAGTGCACAAAGGAGTGTCAATACTGCGAGACTTAAT  
901   TAATGAAGGCCATGGATGTGAAACTGAAACGCCAGGAATCCCAGCAGCGGGAAATGGACCA  
961   GGACGATGAAGAAAACTCAGAAGAGGATGAAATGGATTCTGGCACGATGGTCAGCAGT  
1021   GGGTGATGAGATGGGACTGTCCAGTAGCCAGCACCAGTGTGAGGCAATACTAT  
1081   GATTGAGCACGATGACACGTTGCCATCACAACCTGGGCACCATGGTGTCAATGCGAGAGGA  
1141   TGAGGAAGAGGAAGGAACATGAAAAGAAGGGATGAGACCATGCGACTTGGCAAGAG  
1201   CTTTCTGAAATTTGAAACAAAAGAAAAGGAAACCAGATCAACAGCTTGGCAAGAG  
1261   TGTACCTGGTCCACTGAAAATTCTCAGATTGGAAAATACCACAGGATGGAGACTACGA

## FIGURE 8 cont'd

1321 gtttcttaagagttggacagtggaggacccatcagaagaggcttggccctggacccat  
1381 gatggaggcaggagattgaagagatccggcagaaggatccatcggcagccatct  
1441 ggatgccatagaggctaagaagagacggcaacaaaacttctgagcaaggccaggctgtga  
1501 gggccccagctccacccaggcttgggtgaattctggatggcttgcattgtttgttagc  
1561 cagcacccatctgctgtcgctccacagcacccttgcattgtgaactcaggaatgtgcgc  
1621 gtgggaaggcgtcttgcacagtgcgtgcgcattgtatgtgtatgtacattggta  
1681 ggttatattatctcaaggatttatgtggcactttactcagatgtttaaacccag  
1741 gaacagagactcttagttgatgtatgcgtggaaagtttacattgtctgtttcttct  
1801 cccaaatagcttcaatt  
1861 tatataaaattataatagattccccacgcagggtggcatctgt

## FIGURE 9

1 metvqlrnpp rrqlkklded sltkqpeevf dvleklgegs ygsvykaihk etgqivaikq  
61 vpvesdlqei ikeisimqqc dsphvvkyyg syfkntdlwi vmeycgagsv sdiirlrnkt  
121 ltedeiatil qstlkgleyl hfmrkihrdi kagnillnte ghakladfgv agqltdtmak  
181 rntvigtpfw mapeviqeig yncvadiws1 gitaiemaeg kryadihpm raifmiptnp  
241 pptfrkpelw sdnftdfvkq clvkspeqra tatqlqhpf vrsakgvsil rdlineamdv  
301 klkrqesqqr emdqdddeens eedemdsqtm vravgdemgt vrvastmtdg antmiedddt  
361 lpsqlgtmvi naedeeeegt mkrrdetmqp akpsfleyfe qkekenqins fgksvpqplk  
421 nssdwkipqd gdyeflkswt vedlqkrla ldpmmeqeie eirqkyqskr qpildaieak  
481 krrqqnf

FIGURE 10A

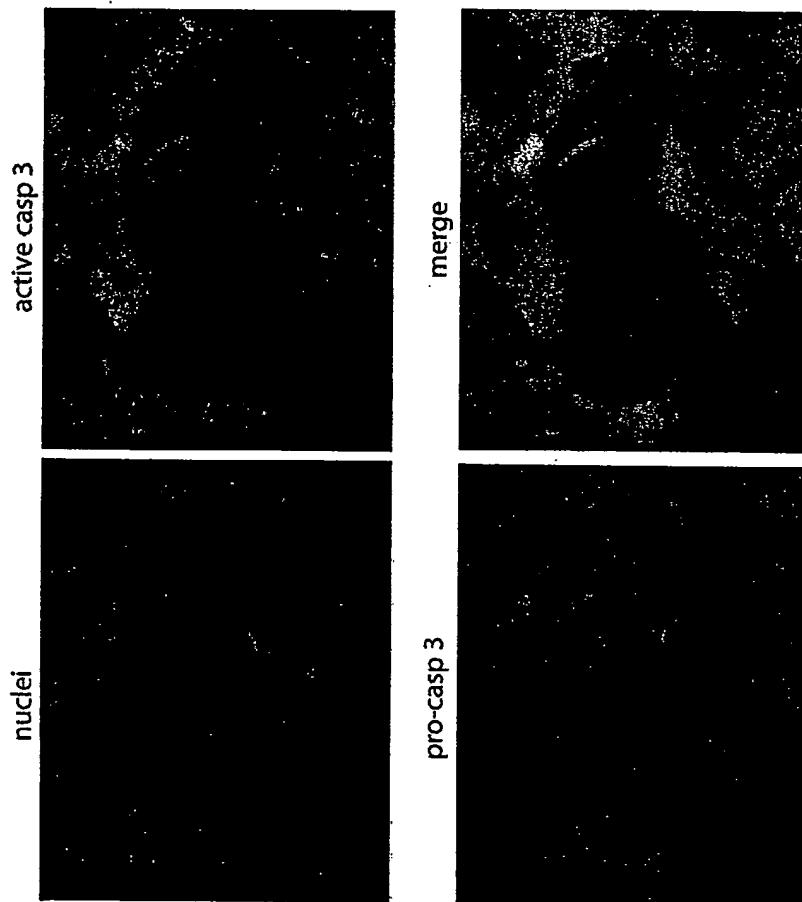


FIGURE 10B

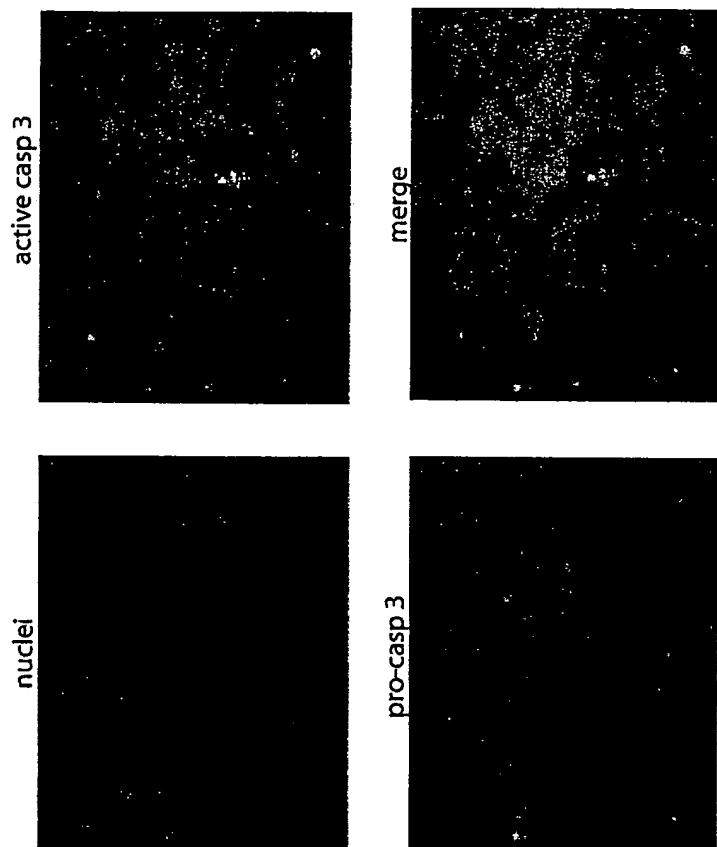


FIGURE 10C

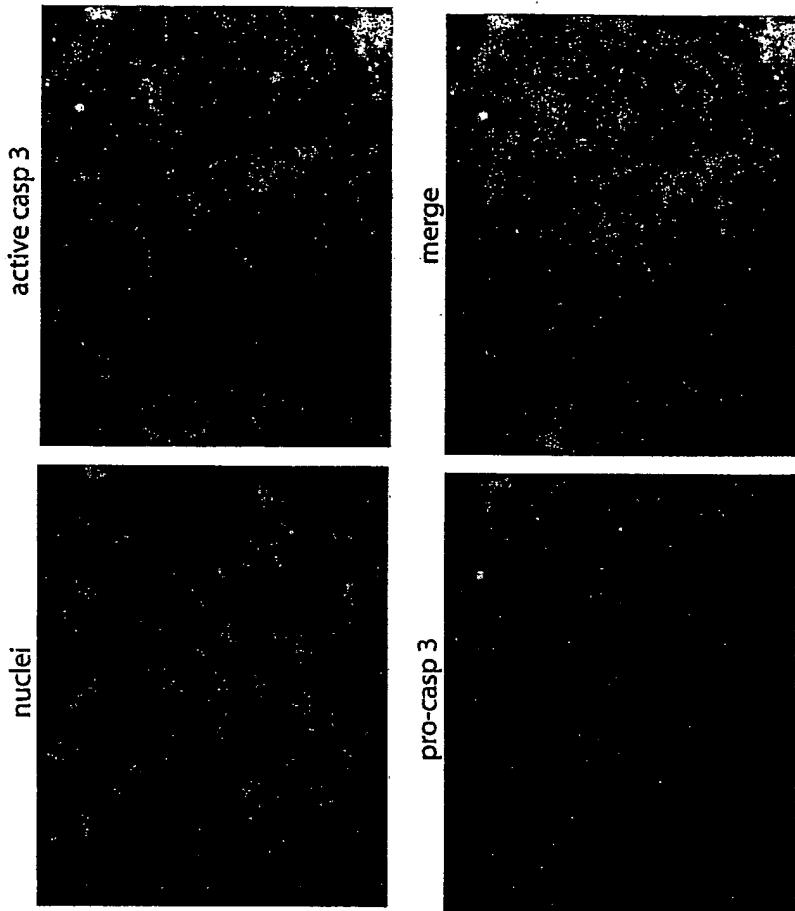


FIGURE 10D

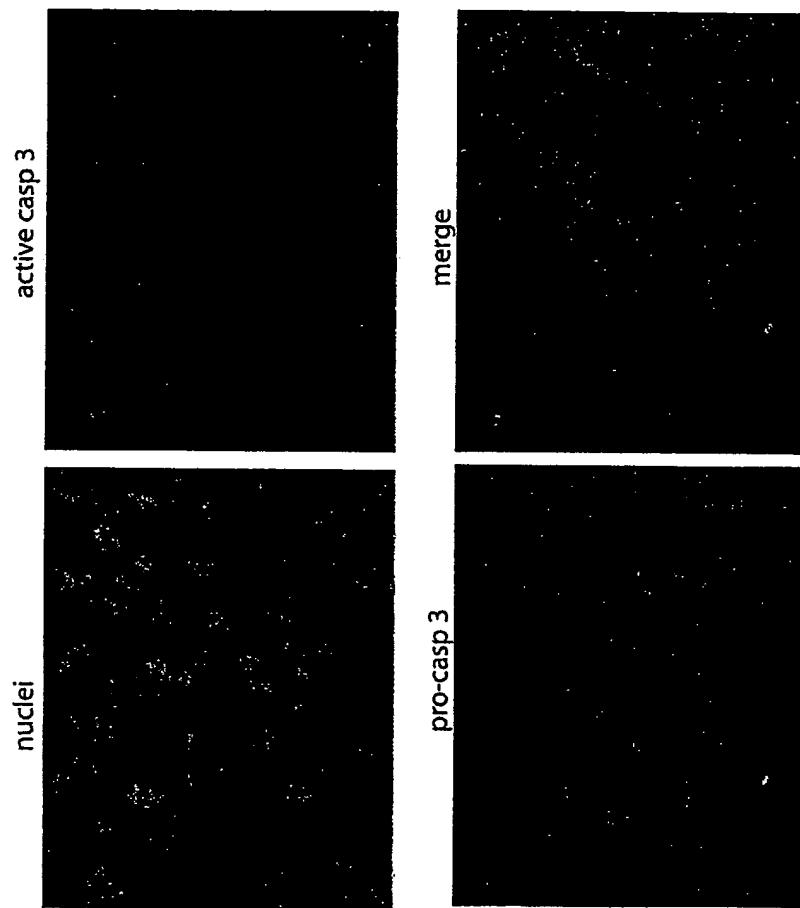


FIGURE 11A

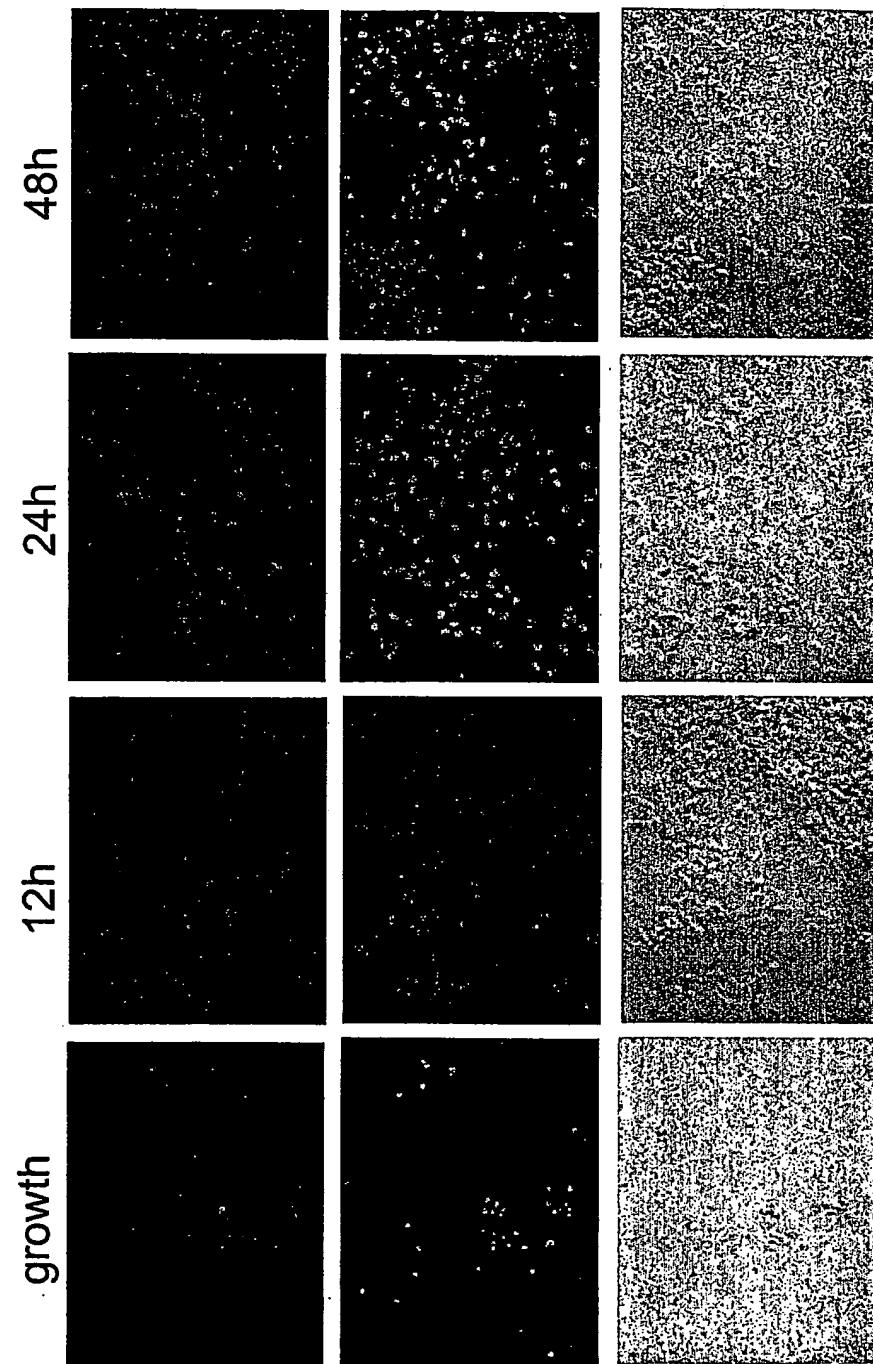


FIGURE 11B

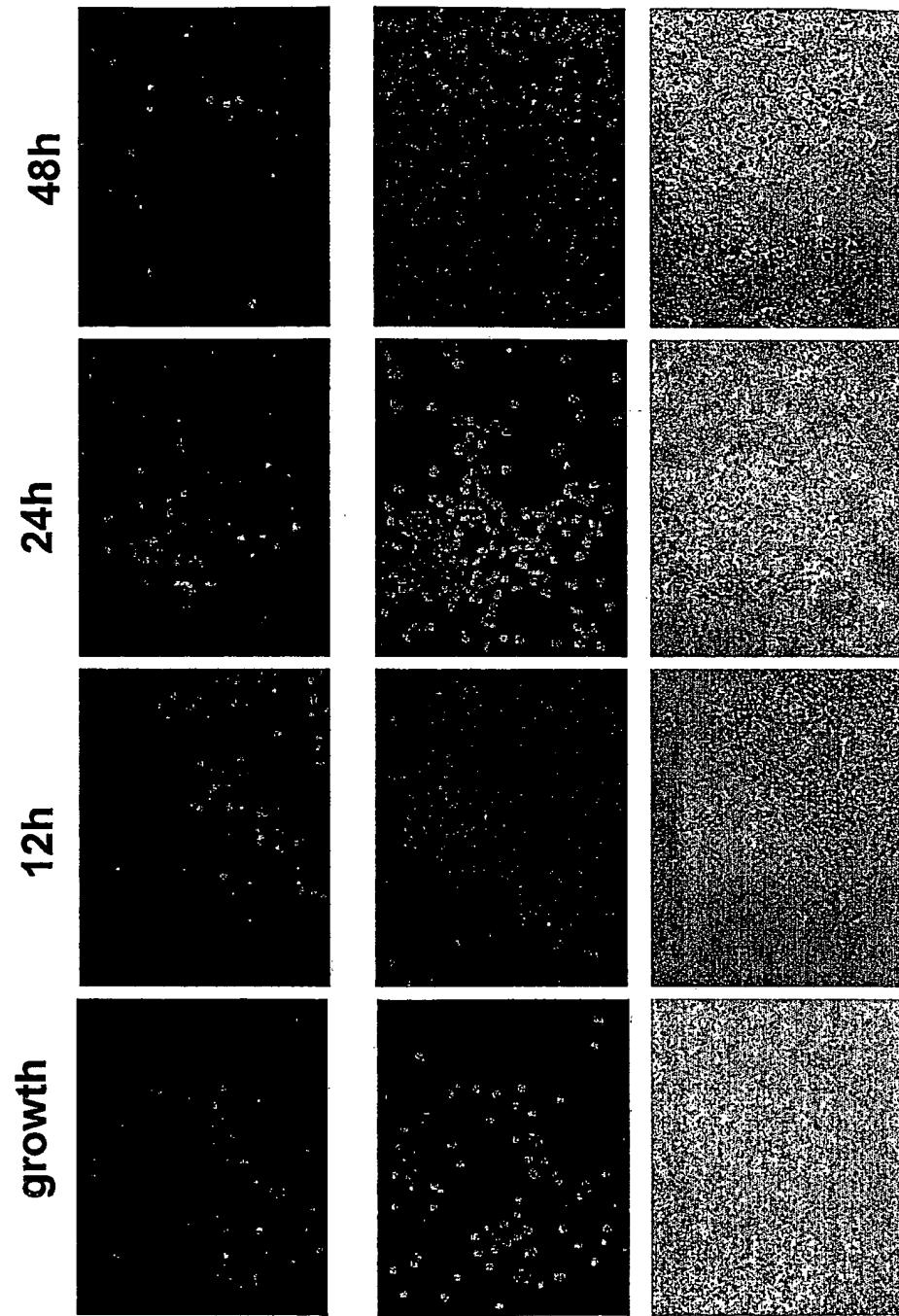


FIGURE 12A

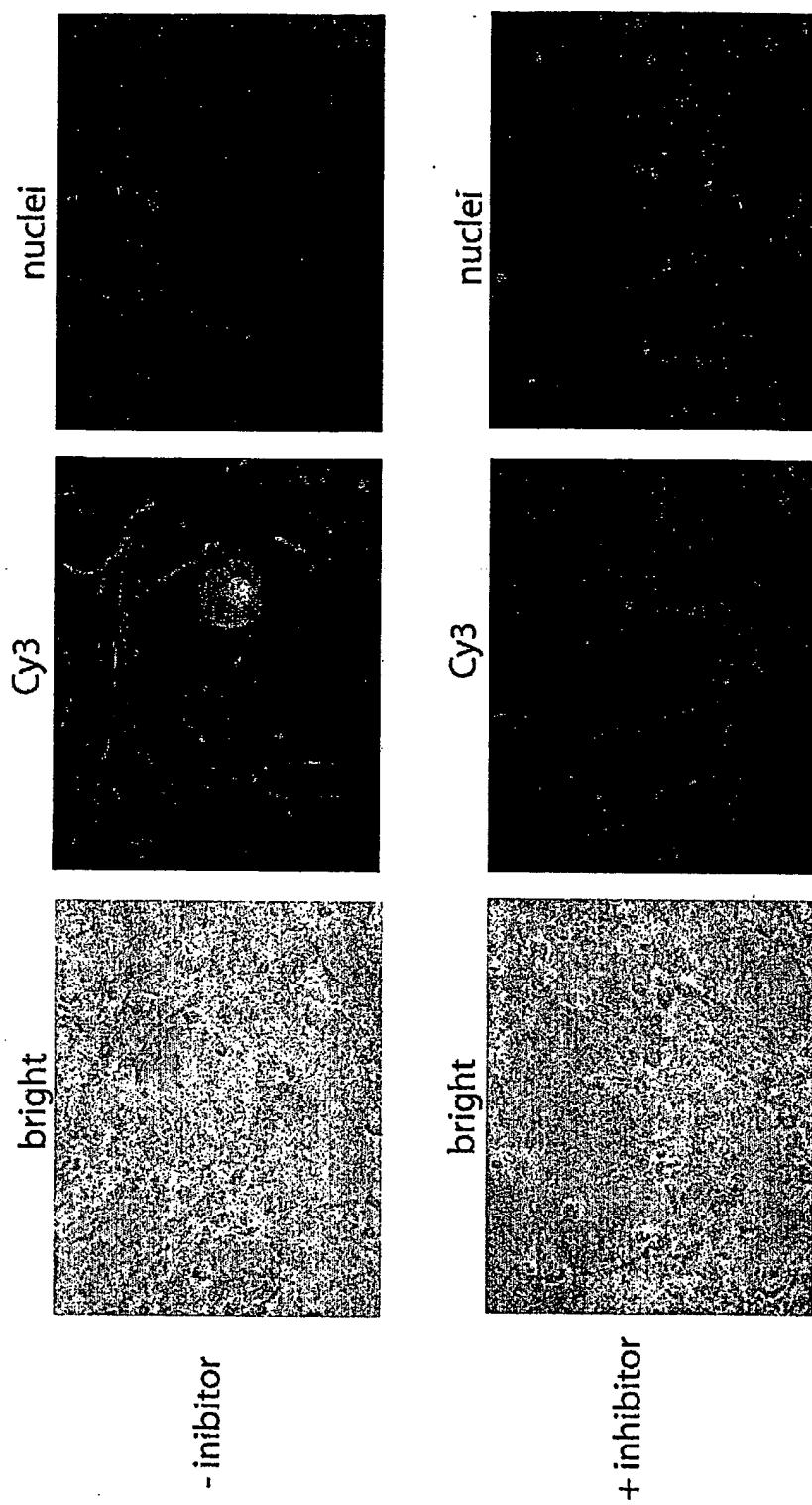


FIGURE 12B

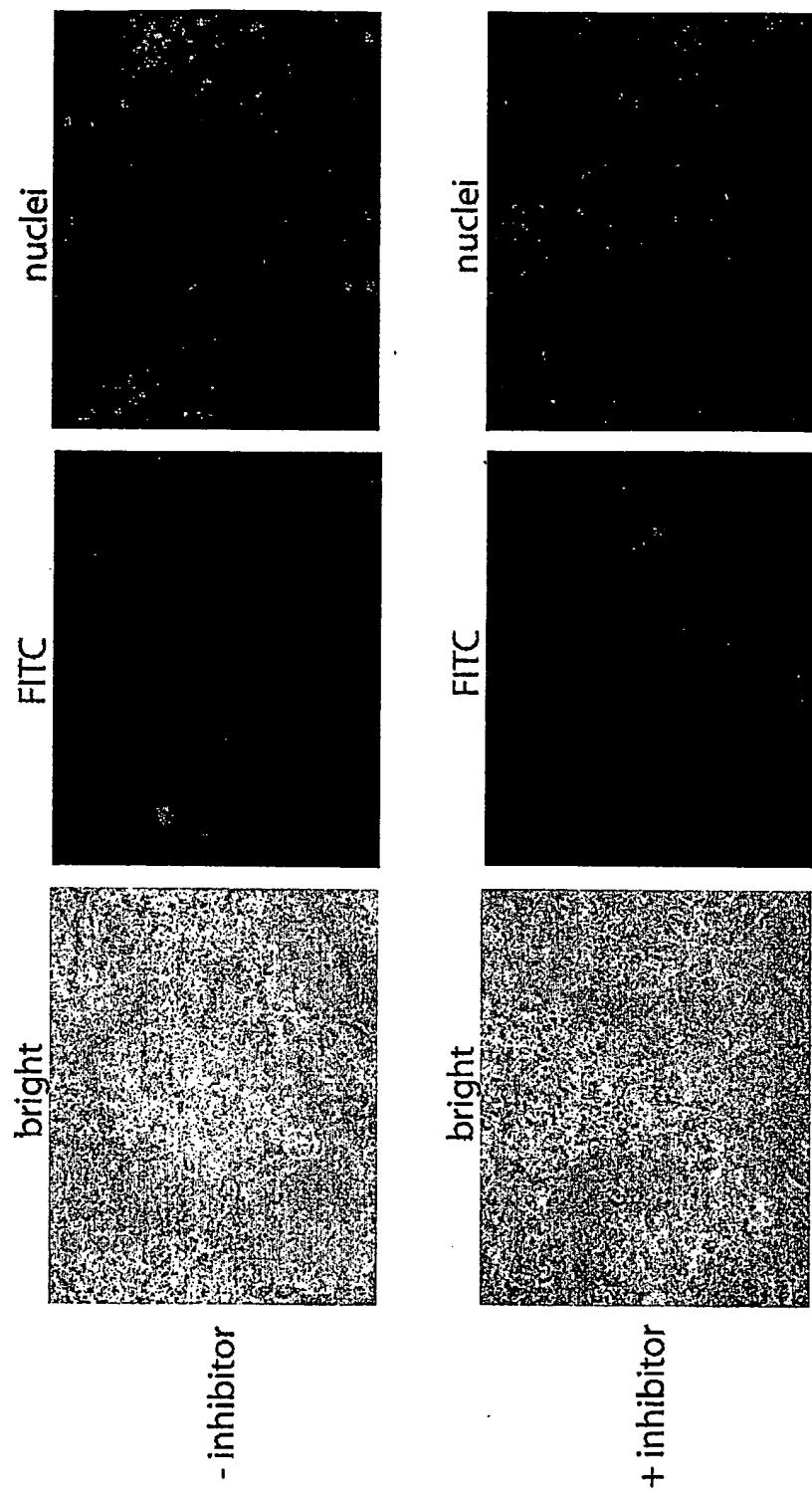


FIGURE 12C

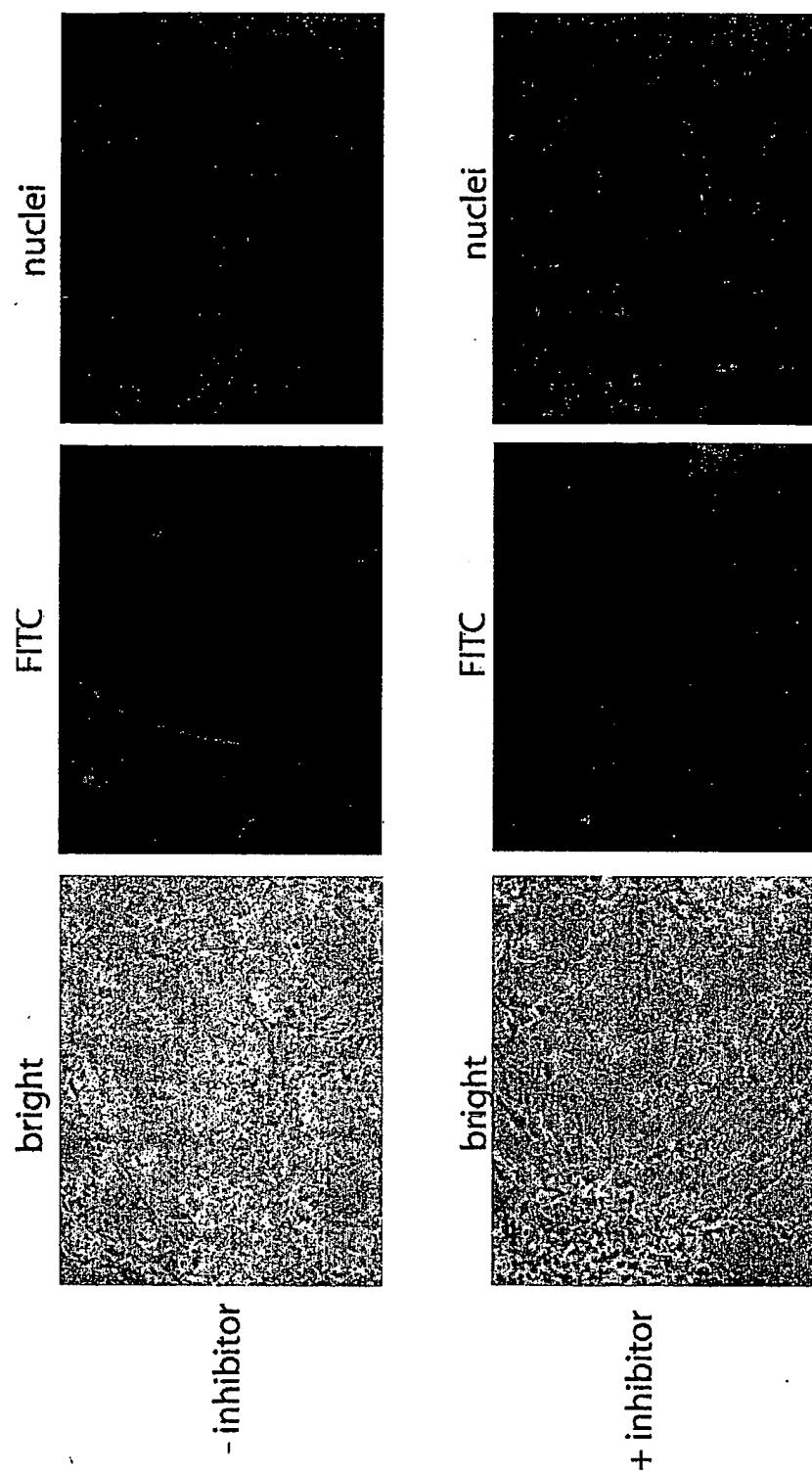


FIGURE 13A

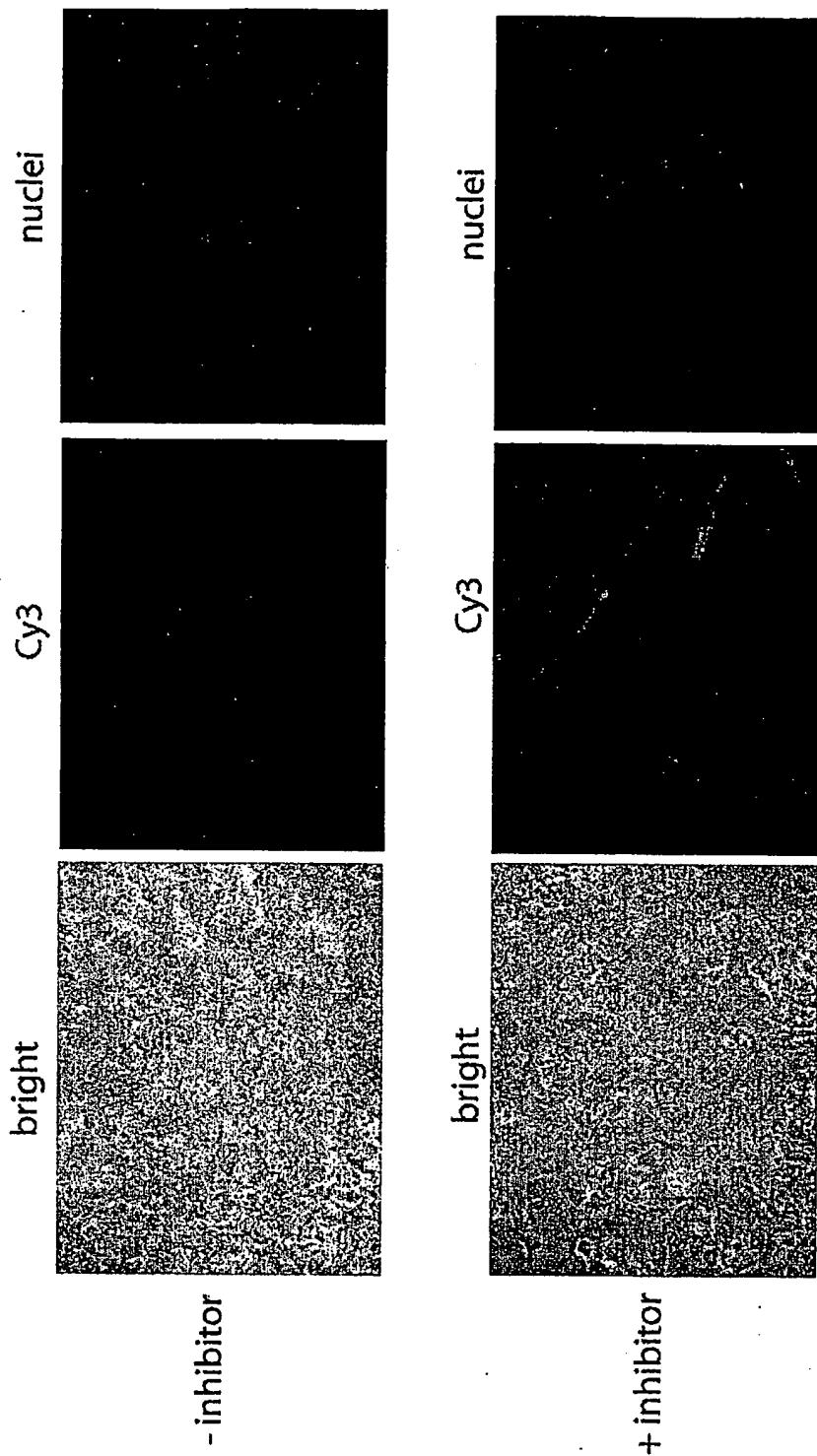


FIGURE 13B

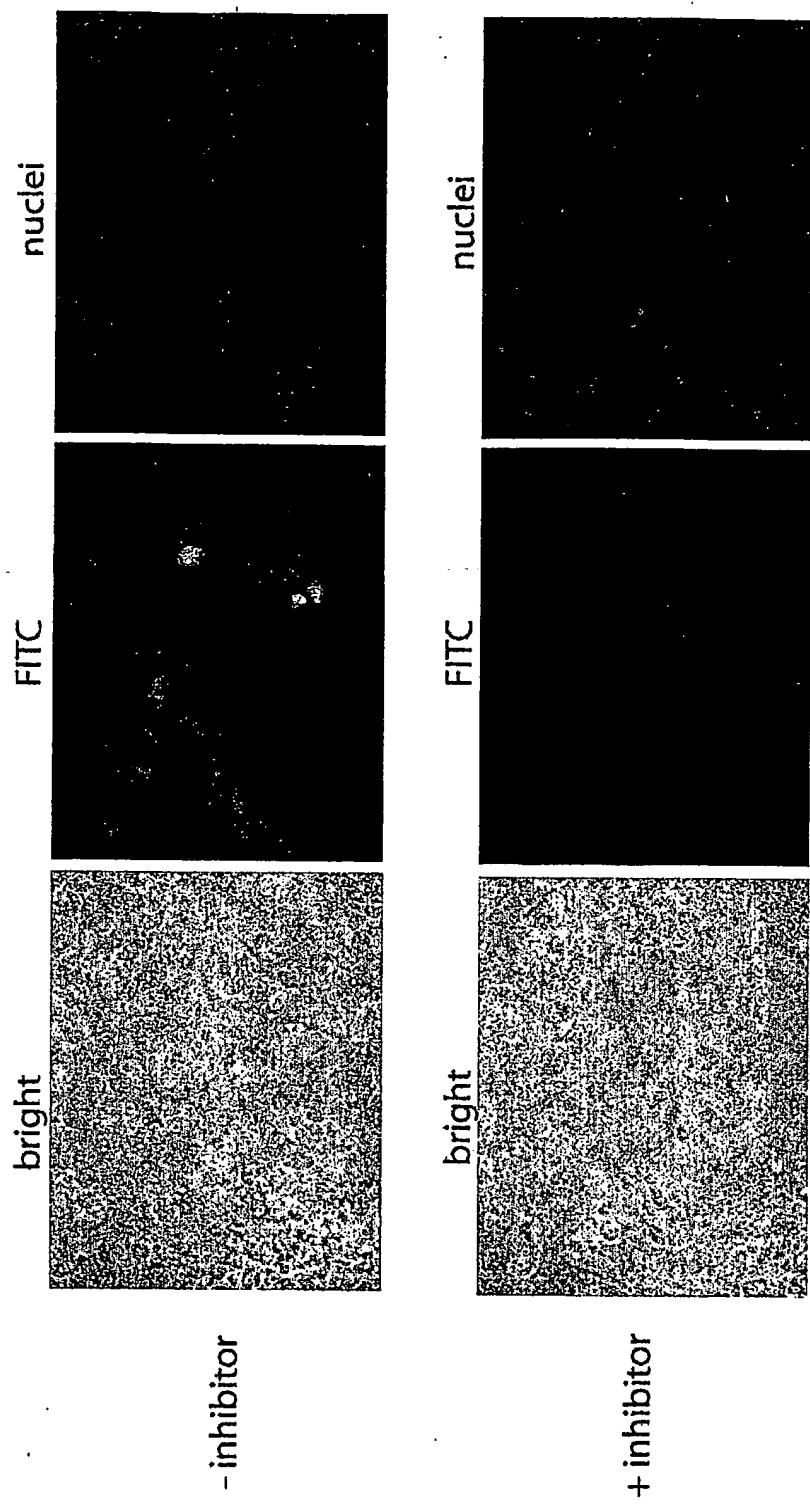
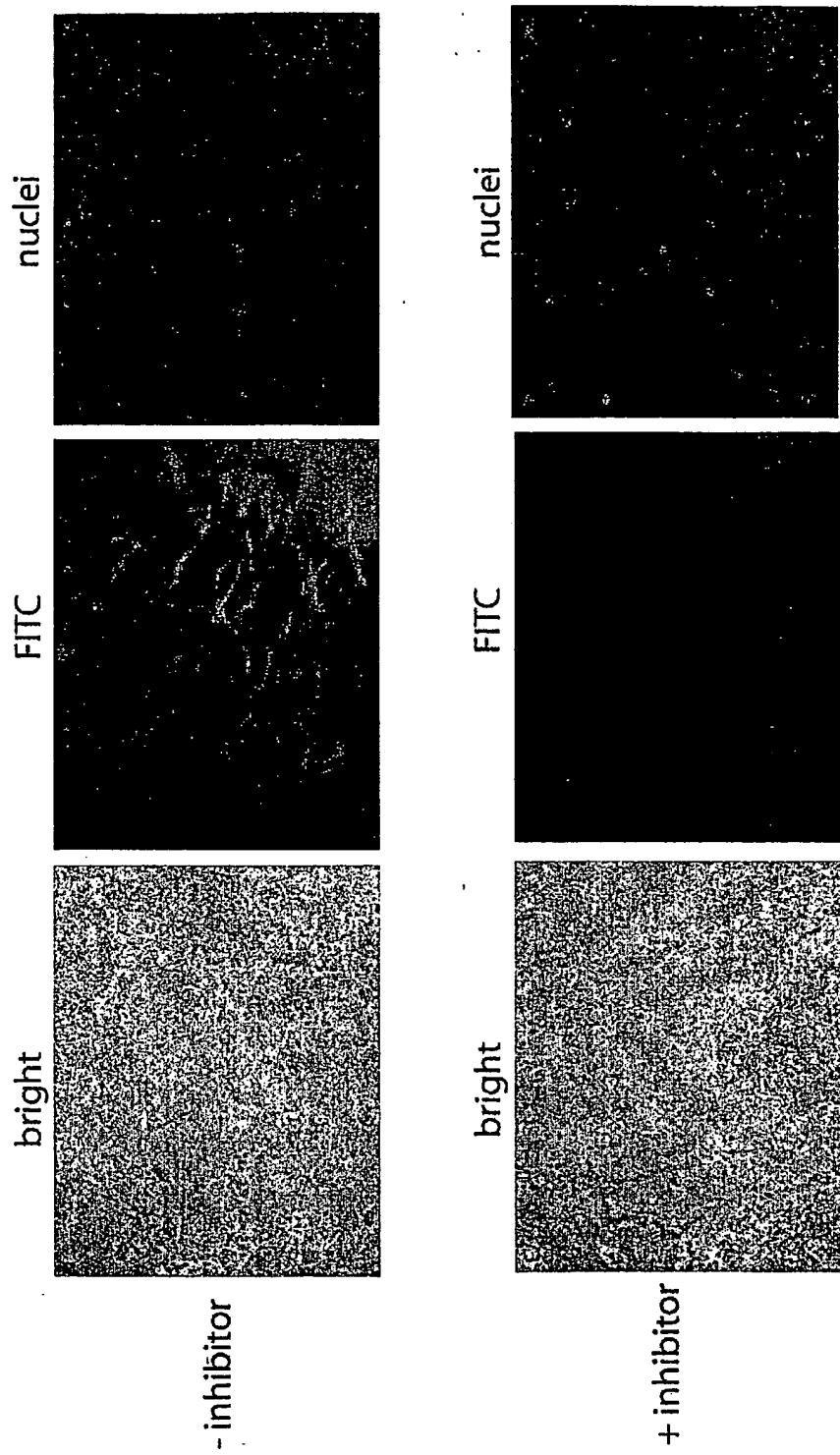


FIGURE 13C



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